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**FACSIMILE TRANSMITTAL**

DATE: 03/28/2005	FROM: Samuel A. Kassatly
TO: Examiner Long K. Tran	TELEPHONE NO.: (408) 323-5111
U.S. Patent and Trademark Office	FACSIMILE NO.: (408) 521-0111
Group Art Unit: 2818	ATTY DOCKET NO.: ARC920030037US1
FACSIMILE NO.: 703 872-9306	SUBJECT: Amendment A

Title: "Non-Volatile Multi-Stable Memory Device and Methods of Making and Using the Same"

Applicant(s): Luisa Dominica Bozano et al.

Attorney Docket No.: ARC920030037US1

Serial No.: 10/645,240

Filing Date: 08.20.2003

TOTAL NUMBER OF PAGES INCLUDING THIS COVER PAGE 15.

**THANK YOU FOR FORWARDING THIS DOCUMENT TO EXAMINER Long K. Tran**  
**AS SOON AS POSSIBLE.**

Respectfully submitted,



Samuel A. Kassatly  
Reg. No. 32,247  
Date: 03/28/2005

Enclosure: Amendment A

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I hereby certify that this correspondence is being faxed to the U.S. Patent and Trademark Office, to fax No. 703 872-9306, on 03/28/2005.



Samuel A. Kassatly

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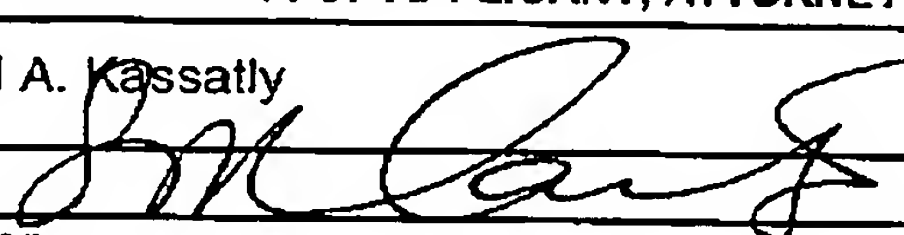
PTO/SB/21 (08-03)

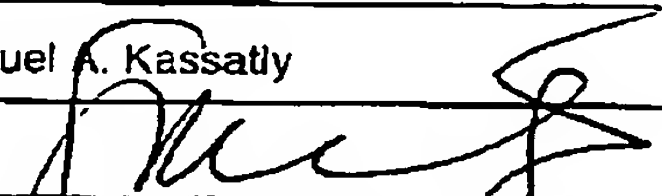
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/645,240	
	Filing Date	08.20.2003	
	Inventor(s)	Luisa Dominica Bozano et al.	
	Art Unit	2818	
	Examiner Name	Long K. Tran	
Total Number of Pages in This Submission	15	Attorney Docket Number	ARC920030037US1

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Change of Correspondence Address (PTO/SB/122)
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Samuel A. Kassatly
Signature	
Date	03/28/2005

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Samuel A. Kassatly
Signature	
Date	03/28/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

0

**Complete if Known**

Application Number	10/645,240
Filing Date	08.20.2003
Inventor(s)	Luisa Dominica Bozano et al.
Examiner Name	Long K. Tran
Art Unit	2818
Attorney Docket No.	ARC920030037US1

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 09-0441 Deposit Account Name: International Business Machines

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

**Total Claims** 40 - 20 or HP = 0 x 50 = 0

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims** 6 - 3 or HP = 1 x 200 = 0

HP = highest number of independent claims paid for, if greater than 3.

**Multiple Dependent Claims**  
Fee (\$): 360  
Fee Paid (\$): 0**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
<u>        </u> - 100 = <u>0</u>	<u>0</u>	<u>0</u> (round up to a whole number) x	<u>250</u>	<u>0</u>

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge):

Fees Paid (\$)  
0  
0**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) <u>32,247</u>	Telephone <u>408-323-5111</u>
Name (Print/Type)	<u>Samuel A. Kassatly</u>	Date <u>03/28/2005</u>	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**MAR 28 2005**

**PATENT**

**IN THE UNITED STATES**  
**PATENT AND TRADEMARK OFFICE**

<b>Title:</b> "Non-Volatile Multi-Stable Memory Device and Methods of Making and Using the Same"	
<b>Applicants:</b> Luisa Dominica Bozano et al.	
<b>Attorney Docket No.:</b> ARC920030037US1	
<b>Serial No.:</b> 10/645,240	<b>Examiner:</b> Long K. Tran
<b>Filed:</b> August 20, 2003	<b>Art Unit:</b> 2818

Mail Stop: Amendment  
Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT A**

Sir:

Applicants submit this Amendment in response to the Office Action of March 23, 2005, and respectfully request that it be entered.

The amendments to the claims are reflected in the listing of the claims that begins on page 2 of this paper.

The Remarks section begins on page 12 of this paper.